

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2003-192691

(43)Date of publication of application : 09.07.2003

(51)Int.Cl.

C07F 15/00

C09K 11/06

H05B 33/14

H05B 33/22

(21)Application number : 2001-394446

(71)Applicant : MITSUBISHI CHEMICALS CORP

(22)Date of filing : 26.12.2001

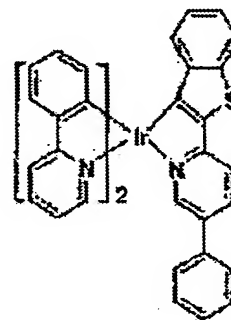
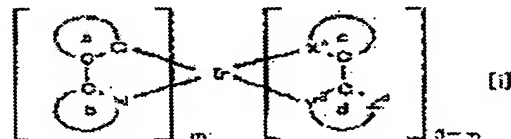
(72)Inventor : AKIYAMA SEIJI  
SATO HIDEKI  
SATO YOSHIHARU

## (54) ORGANIC IRIIDIUM COMPLEX AND ORGANIC ELECTROLUMINESCENT ELEMENT

## (57)Abstract:

PROBLEM TO BE SOLVED: To provide a new mixed ligand-having organic iridium complex giving a luminescent element having improved color purity in the emission of light of long wavelength, high luminescent efficiency and a long life and provide an organic electroluminescent element produced by using the organic iridium complex.

SOLUTION: The mixed ligand-having organic iridium complex is expressed by general formula (i), e.g. formula (ii). The organic electroluminescent element has a luminescent layer sandwiched between an anode and a cathode. The luminescent layer contains the mixed ligand-type organic iridium complex.



## LEGAL STATUS

[Date of request for examination]

26.11.2004

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office